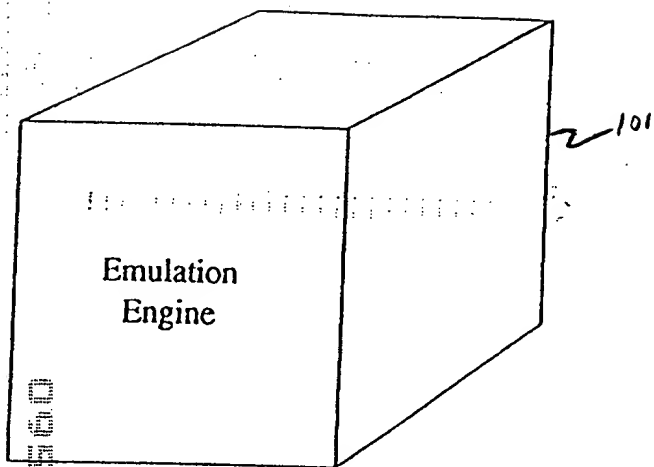
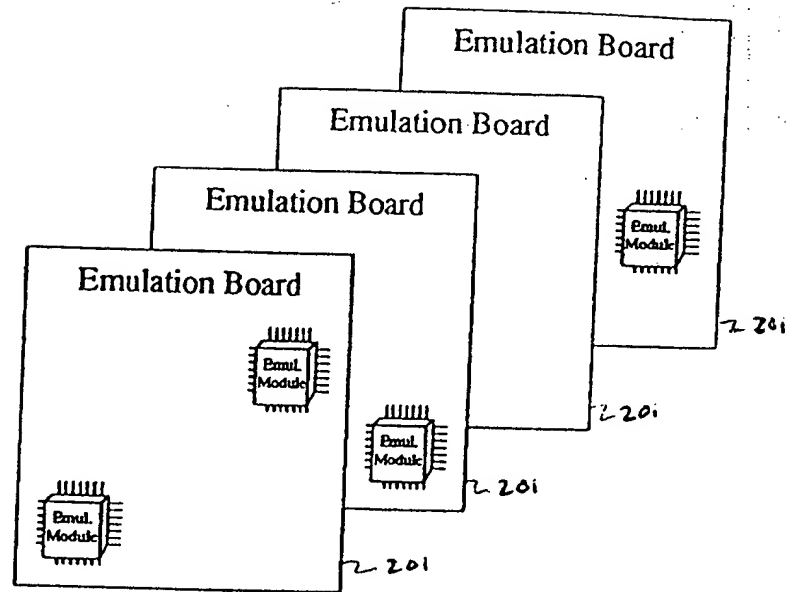


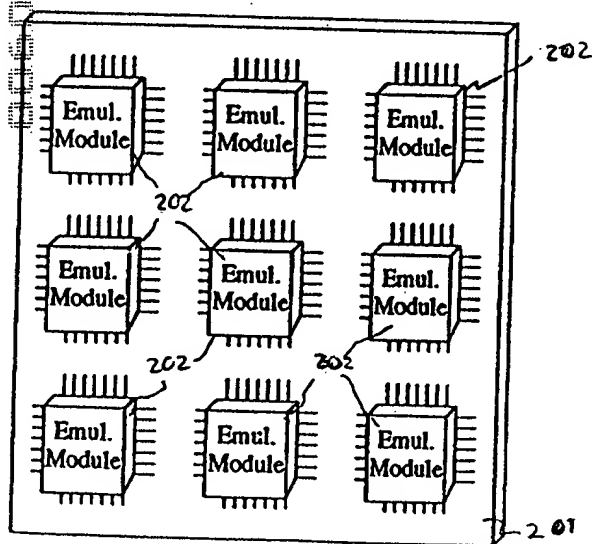
FIG. 1



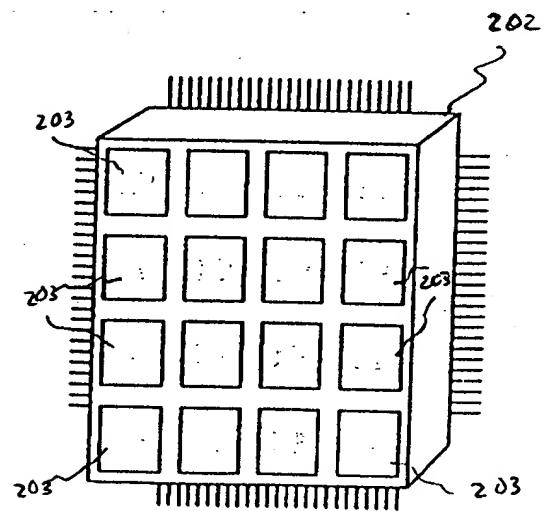
a.) Emulation Engine.



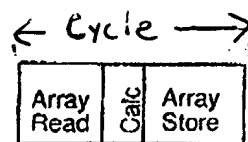
b.) Emulation Boards.



c.) Emulation Modules on a Board.



d.) Cells within a Module



PRIOR ART

FIG. 3

Figure 1 consists of 10 bar charts, labeled (a) through (j), each representing a different fish species. The y-axis for all charts is 'Percentage of total catch' ranging from 0 to 100. The x-axis for each chart lists the species. The data shows significant fluctuations in the relative catch percentages of these species over the 15-year period.

- (a) Atlantic croaker:** 1980 (~10%), 1985 (~10%), 1990 (~10%), 1995 (~10%).
- (b) Striped bass:** 1980 (~10%), 1985 (~10%), 1990 (~10%), 1995 (~10%).
- (c) Blue crabs:** 1980 (~10%), 1985 (~10%), 1990 (~10%), 1995 (~10%).
- (d) Spot:** 1980 (~10%), 1985 (~10%), 1990 (~10%), 1995 (~10%).
- (e) Weakfish:** 1980 (~10%), 1985 (~10%), 1990 (~10%), 1995 (~10%).
- (f) Rockfish:** 1980 (~10%), 1985 (~10%), 1990 (~10%), 1995 (~10%).
- (g) Atlantic silverside:** 1980 (~10%), 1985 (~10%), 1990 (~10%), 1995 (~10%).
- (h) Atlantic herring:** 1980 (~10%), 1985 (~10%), 1990 (~10%), 1995 (~10%).
- (i) Atlantic menhaden:** 1980 (~10%), 1985 (~10%), 1990 (~10%), 1995 (~10%).
- (j) Atlantic bluefish:** 1980 (~10%), 1985 (~10%), 1990 (~10%), 1995 (~10%).



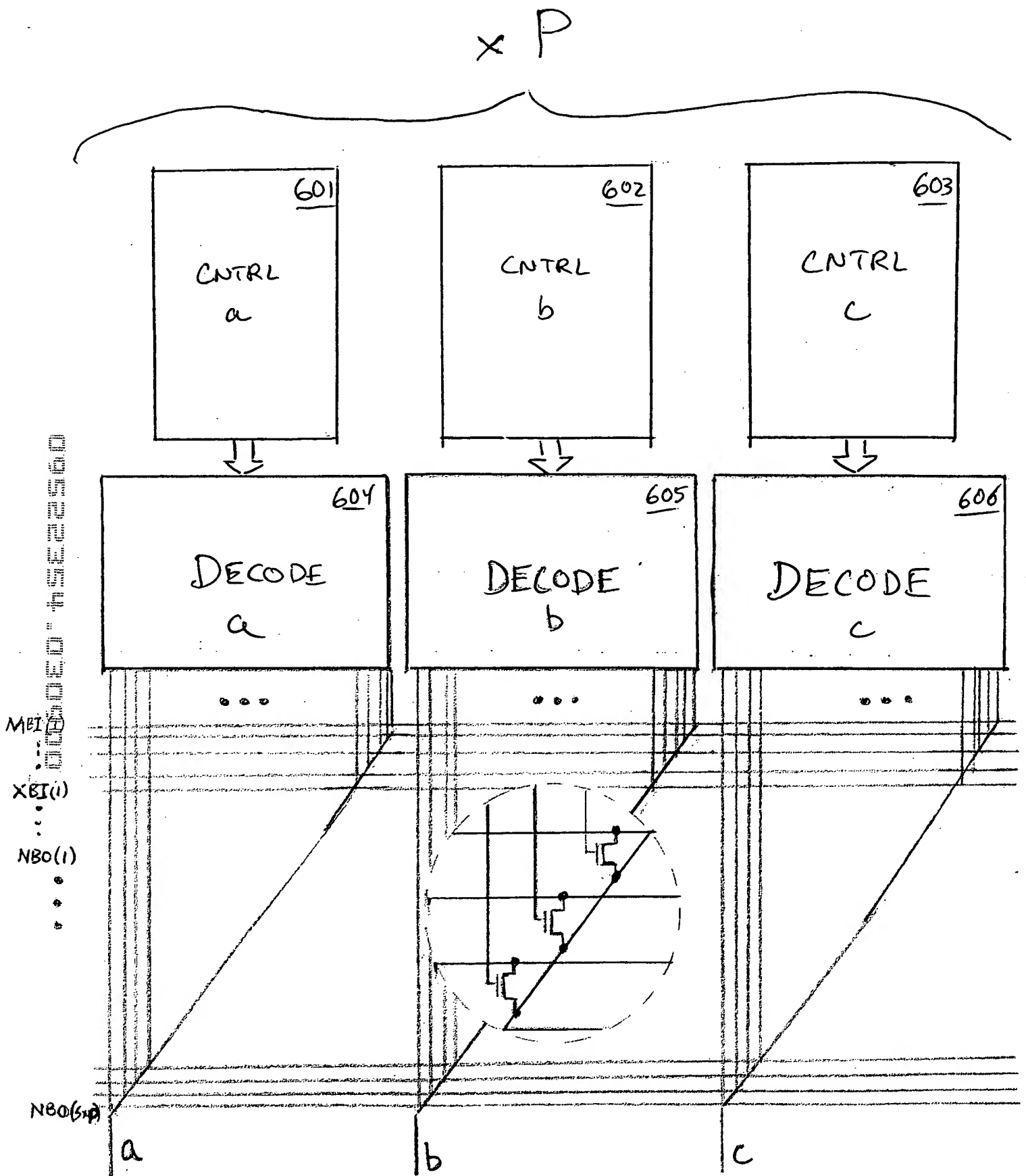


FIG. 6

$x S \times P$

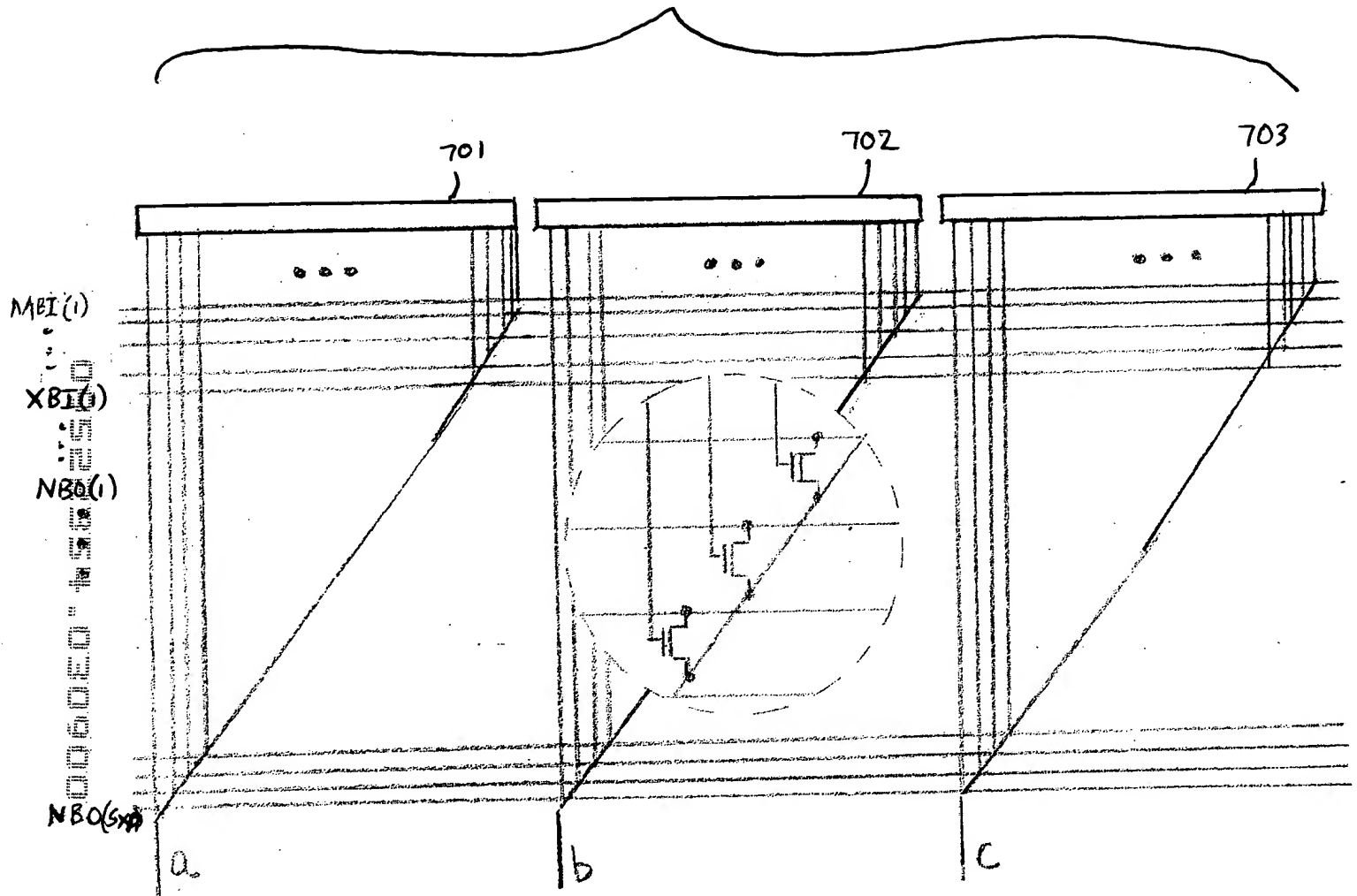


FIG. 7

0000000000000000

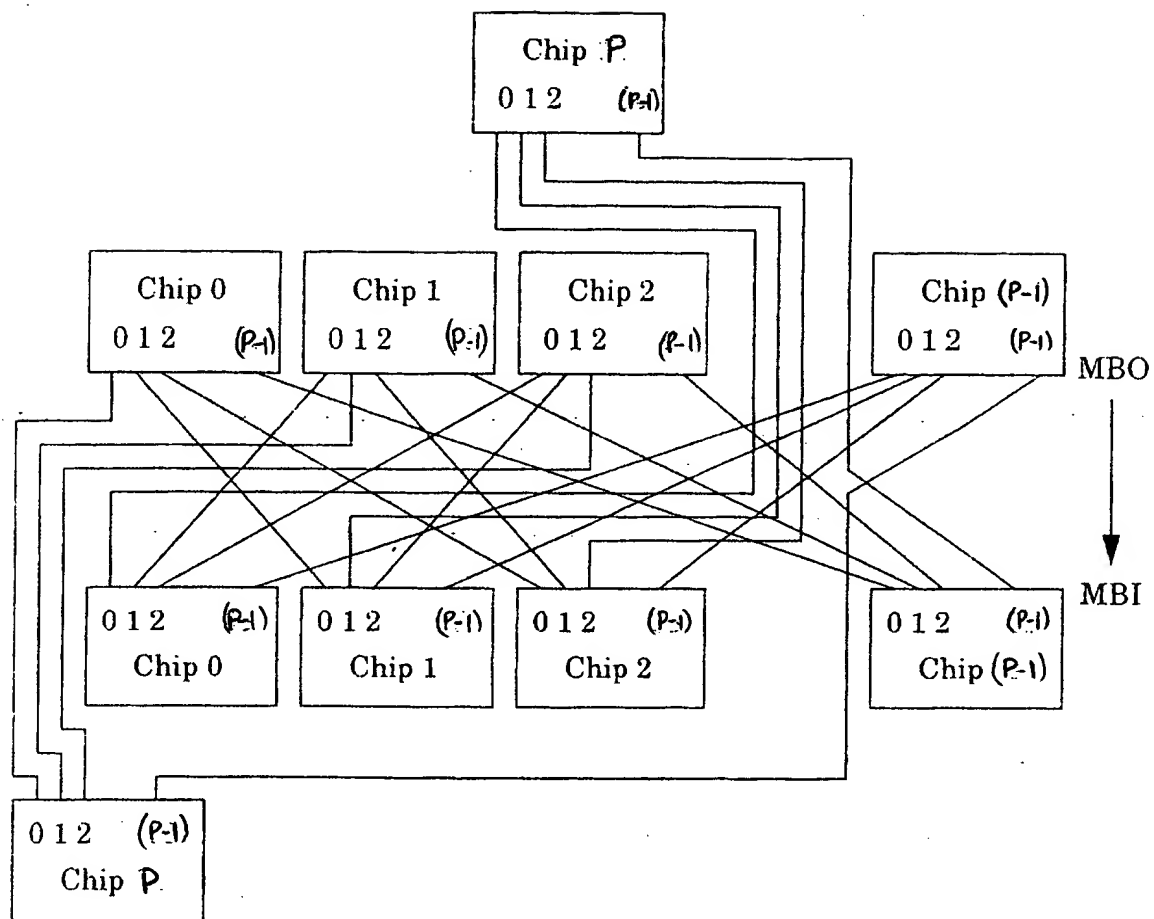
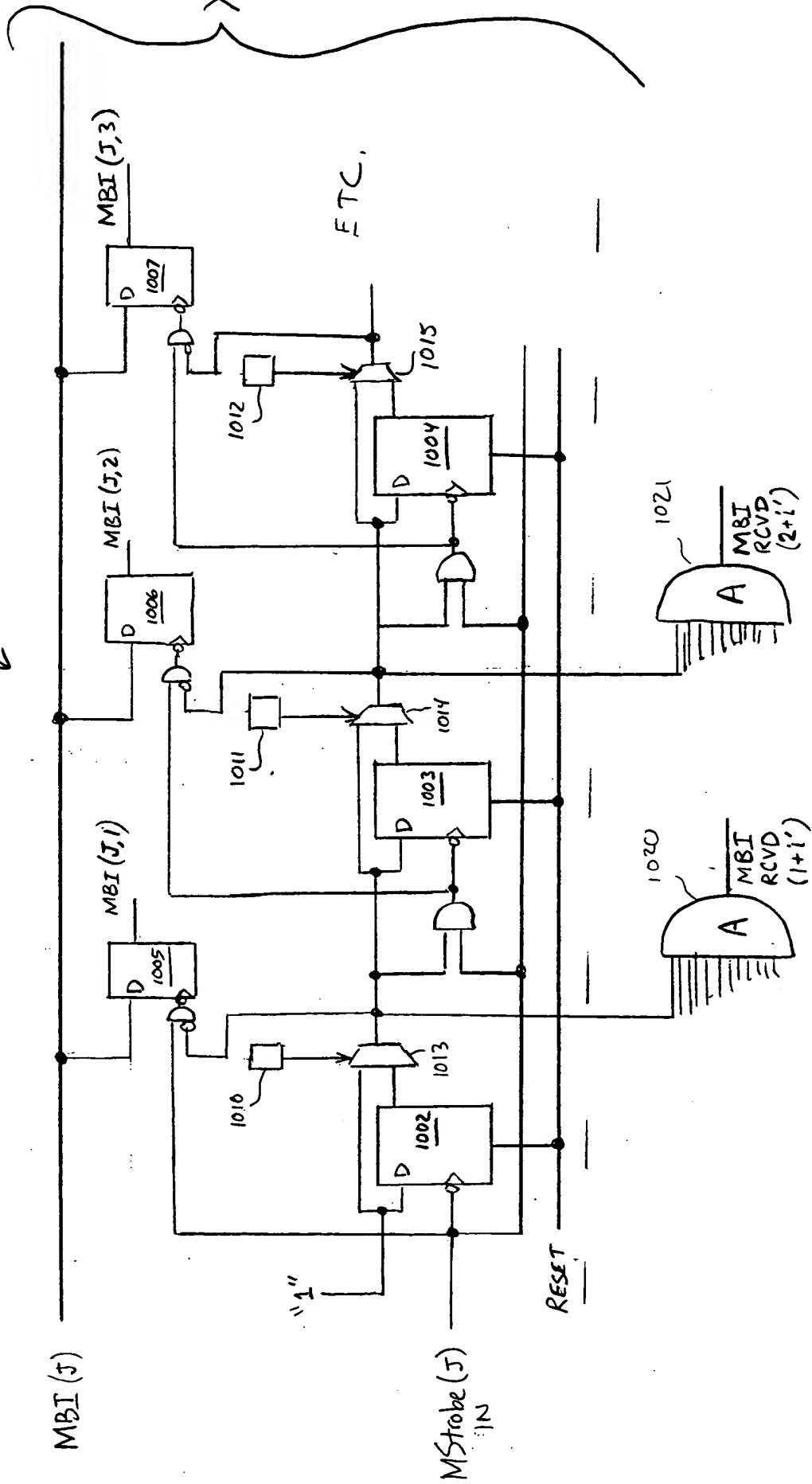


FIG. 9

1001 →



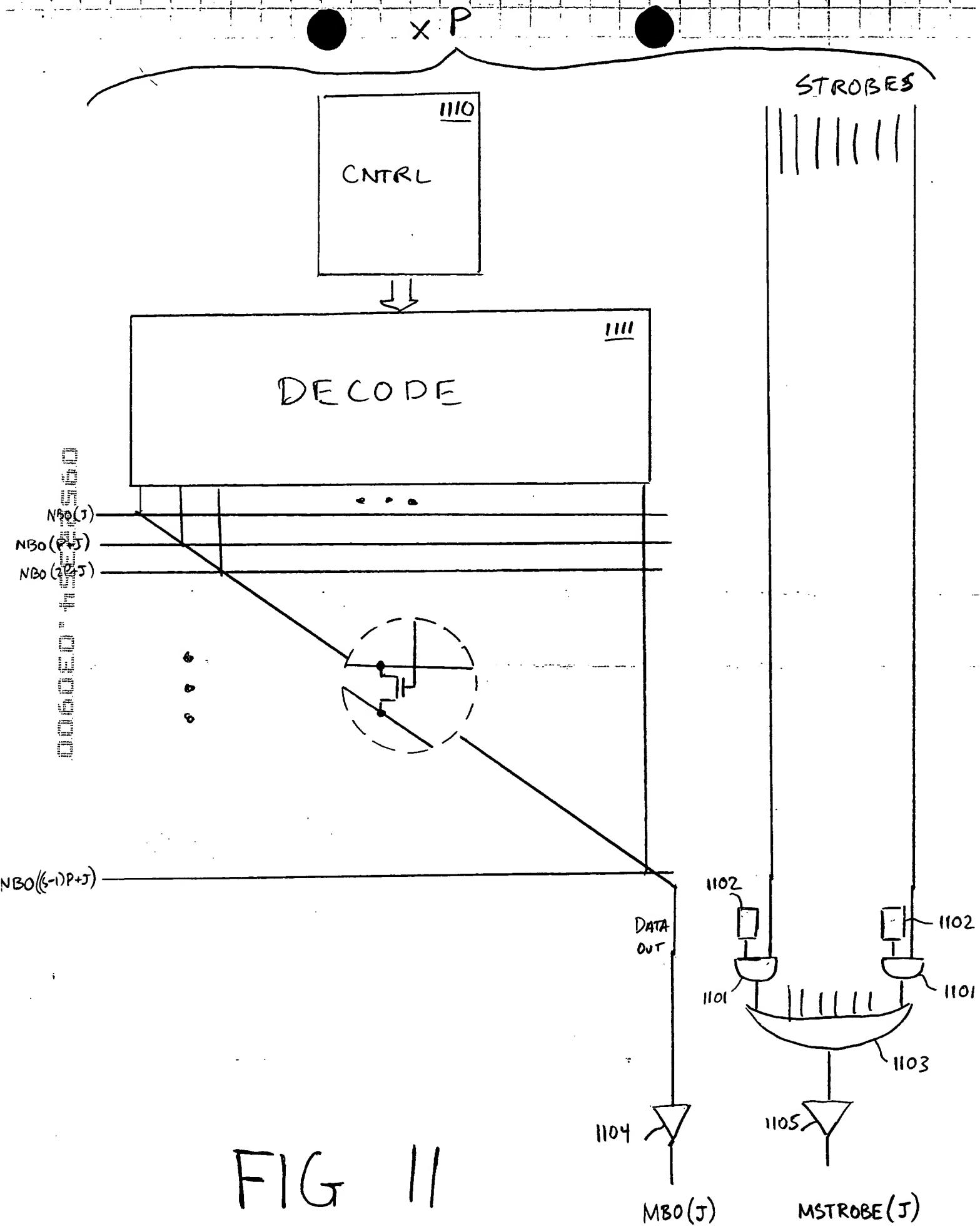


FIG 11

x P

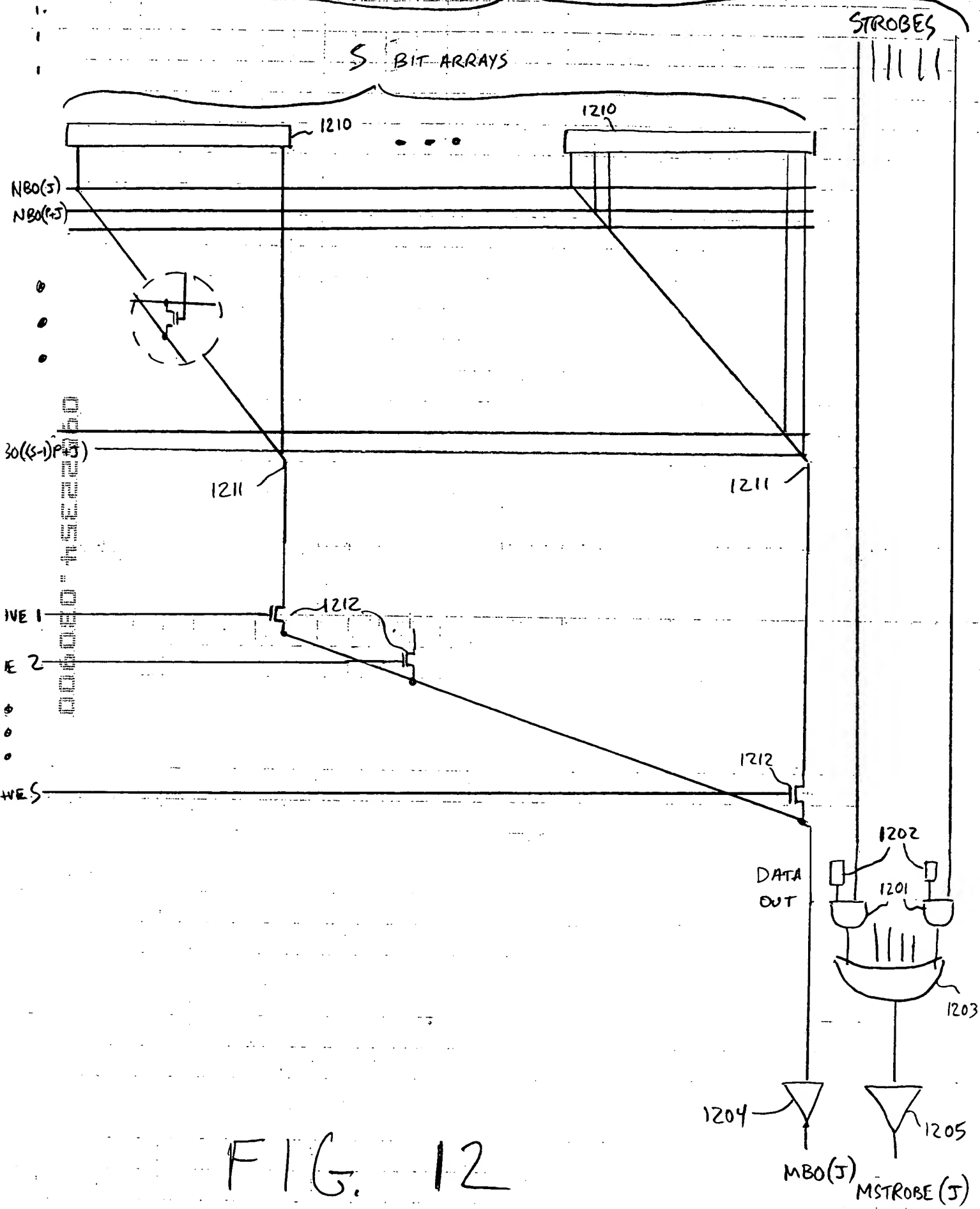


FIG. 12